

Converting Colors

XYZ(43.3440, 66.3375, 54.2360)

Have a look what the booklet for
XYZ(43.3440, 66.3375, 54.2360)
contains.

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Color

**XYZ(43.3440, 66.3375,
54.2360)**

Conversions

Conversions Part 1

Format	Color
Hex	5FEDB5
RGB	95, 237, 181
RGB Percent	37%, 93%, 71%
CMY	0.6274, 0.0706, 0.2902
CMYK	0.60, 0.00, 0.24, 0.07
HSL	156°, 80%, 65%
HSV	156°, 60%, 93%
XYZ	43.3440, 66.3375, 54.2360
YIQ	188.1580, -66.6560, -47.5200

Conversions

Conversions Part 2

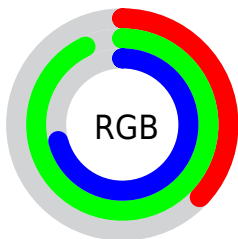
Format	Color
RYB	95, 183, 237
Decimal	6286773
CIELab	85.17, -51.21, 15.89
CIELCh	85, 53.620, 162.764
Yxy	66.3375, 0.2644, 0.4047
Android (android.graphics.Color)	4284476853 (0xFF5FEDB5)
YUV	188.1580, -3.5289, -81.6996
Hunter-Lab	81.4478, -47.5416, 17.5324

Details

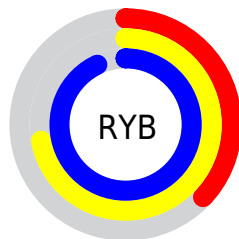
The XYZ color **43.3440, 66.3375, 54.2360** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **44.6054, 28.4249, 32.4163**, and the grayscale version is **47.9379, 50.4344, 54.9231**.

A 20% lighter version of the original color is **64.9507, 84.8025, 93.0660**, and **20.2301, 34.2075, 25.9585** is the 20% darker color. If you saturate the color by 10%, you get **40.3195, 64.8872, 49.2557**, and if you desaturate by 10%, it is **47.1851, 68.2048, 59.5934**.

Distribution



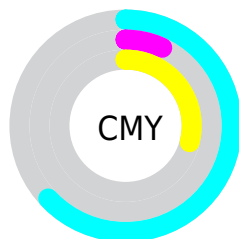
- Red (37%)
- Green (93%)
- Blue (71%)



- Red (37%)
- Yellow (72%)
- Blue (93%)



- Cyan (60%)
- Magenta (0%)
- Yellow (24%)
- Black (7%)





- Cyan (63%)
- Magenta (7%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3440, 66.3375, 54.2360 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 43.3440, 66.3375, 54.2360 by changing the saturation by 10% instead.


 43.3440, 66.3375,
54.2360


 43.3440, 66.3375,
54.2360


350.9221,
447.5829, 420.2093


 30.3508, 48.5464,
38.3959


 79.4822, 113.9706,
97.8806

 20.2544, 34.2598,
25.9859


 103.3579,
144.5814, 126.5221

 12.6894, 23.0933,
16.5874


 131.5918,
180.2343, 160.2679

 7.2906, 14.6624,
9.7819

 164.5493,
221.3136, 199.5365

 3.6924, 8.5828,
5.1509

202.5957,
268.2037, 244.7464

 1.5296, 4.4701,
2.2758

246.0965,

 0.3459, 1.9398,

321.2890, 296.3161

0.7176

295.4168,
380.9540, 354.6643

■ 0.0000, 0.5722,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.3440, 66.3375,
54.2360

■ 43.3440, 66.3375,
54.2360

■ 40.3195, 64.8872,
49.2557

■ 47.1851, 68.2048,
59.5934

■ 38.0347, 63.8091,
44.6380


■ 51.9001, 70.5133,
65.3325


■ 36.4063, 63.0624,
40.3736


■ 57.5472, 73.2947,
71.4637


■ 35.2925, 62.5739,
36.4491


■ 64.1780, 76.5753,
77.9955

 35.2839, 62.5702,
36.4170

 71.8400, 80.3795,
84.9359

 80.5777, 84.7302,
92.2927

 88.2262, 88.5111,
99.9702

 89.5754, 89.0508,
107.0751

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48.5411, 66.3375, 33.5331



43.3440, 66.3375, 54.2360



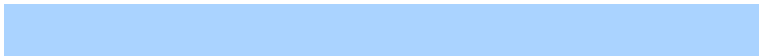
42.9792, 66.3375, 87.9697

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.3440, 66.3375, 54.2360



68.3315, 66.3375, 158.6203



81.7154, 66.3375, 35.7852

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



43.3440, 66.3375, 54.2360



44.6054, 28.4249, 32.4163

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.5652, 66.3375, 58.4899



43.3440, 66.3375, 54.2360



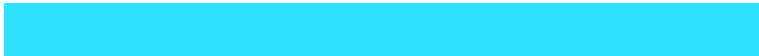
80.1995, 66.3375, 133.0009

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



43.3440, 66.3375, 54.2360



56.4081, 66.3375, 156.3584



87.9774, 66.3375, 93.8201



70.1977, 66.3375, 25.4605

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.3440, 66.3375, 54.2360



45.4458, 66.3375, 114.6095



87.9774, 66.3375, 93.8201



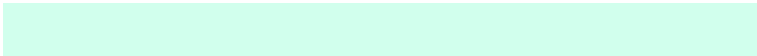
84.7025, 66.3375, 41.8456

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



43.3458, 66.3401, 54.2375



77.3540, 91.1984, 93.5687



45.2633, 68.0536, 21.5774



16.0269, 19.2575, 19.5291



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.3458, 66.3401, 54.2375



46.8928, 76.2767, 56.8287



46.3417, 61.2185, 89.4978



15.2515, 17.0154, 18.0072



19.3294, 34.1862, 20.2313



1.5649, 2.7033, 1.8367

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



44.6054, 28.4249, 32.4163



48.5382, 27.8253, 29.1213



42.4826, 29.8123, 14.3427



15.3115, 15.1524, 16.9256



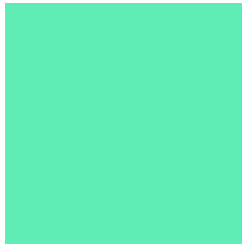
20.2181, 10.2899, 6.9497



1.6337, 0.8265, 0.7887

Previews

White Background



This preview shows how the XYZ color 43.3440, 66.3375, 54.2360 looks on a white background.

Color Contrast Check

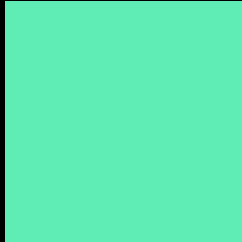
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 43.3440, 66.3375, 54.2360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.3440, 66.3375, 54.2360

Background



This preview shows how black text looks on a background with the XYZ color 43.3440, 66.3375, 54.2360.

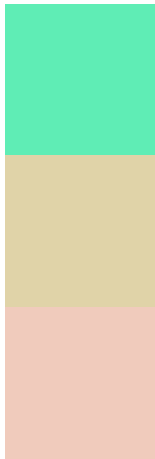


This preview shows how white text looks on a background with the XYZ color 43.3440, 66.3375,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

43.3440, 66.3375, 54.2360

Protanopia

61.1026, 65.2630, 46.4223

Deuteranopia

66.3682, 64.8680, 56.5997



Tritanopia

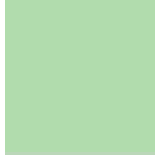
51.8680, 65.9841, 97.9982

Trichromacy



Original Color

43.3440, 66.3375, 54.2360



Protanomaly

51.2675, 63.5506, 49.0996



Deuteranomaly

53.5509, 62.6685, 55.1727



Tritanomaly

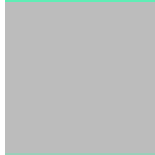
48.2019, 65.7308, 79.9588

Monochromacy



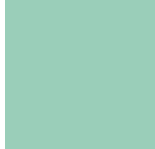
Original Color

43.3440, 66.3375, 54.2360



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

44.1547, 54.5154, 54.0943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3440, 66.3375, 54.2360 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(95, 237, 181)` looks like.

```
.text, #text, p{  
    color:rgb(95, 237, 181)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(95, 237, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 237, 181) }
```

Border

The CSS property to change the border of an element to XYZ 43.3440, 66.3375, 54.2360 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(95, 237, 181) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(95, 237, 181) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(95, 237, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 237, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 237, 181);  
box-shadow:4px 4px 4px 4px rgb(95, 237,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3440, 66.3375, 54.2360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 237, 181) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(95, 237,  
181) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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